

JP11060789A 19990305 PRODUCTION OF MICROPOROUS FILM

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Application(No,Kind,Date): JP21442497 A 19970808 **IPC:** 6C 08J 9/26 A **Language of Document:** NotAvailable **Abstract:**

PROBLEM TO BE SOLVED: To obtain the subject film capable of regulating permeability without spoiling strengths, while excellent in dimensional stability at high temperatures and used for battery separators, etc., by using a pre-extraction drawing together with a post-extraction drawing and performing a heat treatment.

SOLUTION: This production of microporous film is to melt and knead a composition comprising a polyolefin resin and a plasticizer, form the composition in a sheet form by extruding and cooling to solid, draw at least one time in at least one axial direction, extract the plasticizer, successively draw at least one time in at least one axial direction and perform a heat treatment. In the heat treatment, it is preferable to bring the temperature to equal to or higher than a temperature 50Å°C lower than the melting point T_m of the obtained film to less than the T_m and heat relax the film by bringing the relaxing rate to 1-50%.

Legal Status: There is no Legal Status information available for this patent